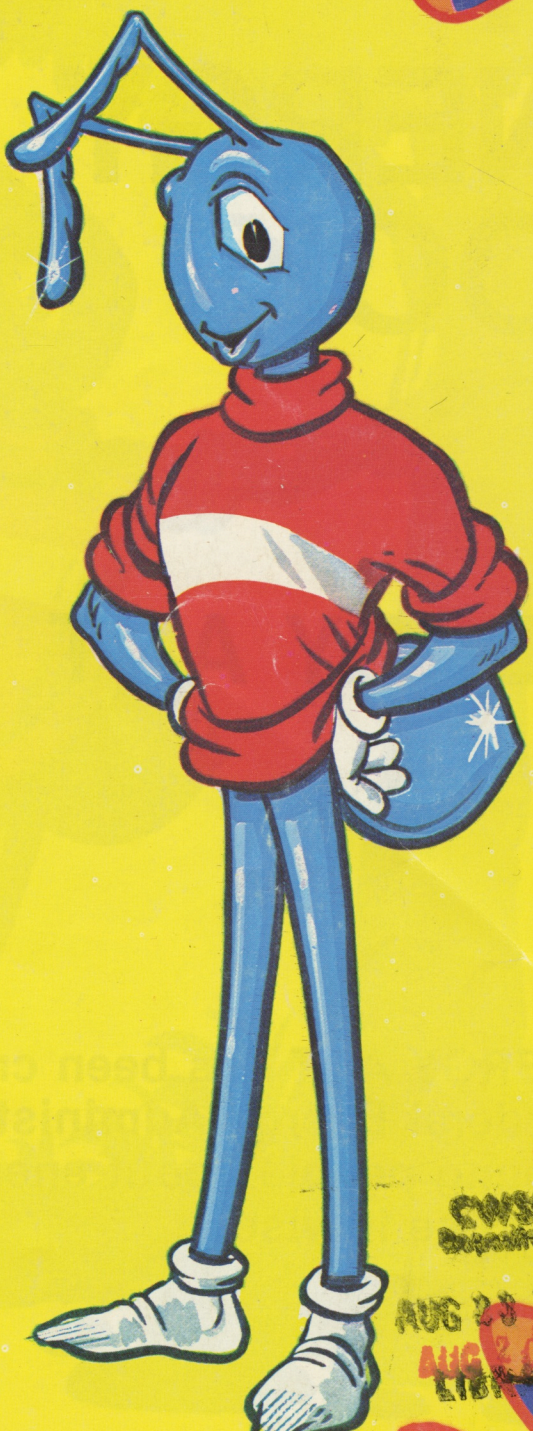
FE
1.2
An8

MY ENERGY BOOK

by ENERGY ANT



CWSC
AUG 2 0 1976
LIBRARY

FEDERAL ENERGY ADMINISTRATION

MoCat 10/76 - p. 51 - 76-6566

MY ENERGY BOOK

by ENERGY ANT

ENERGY ANT has been created by the Federal Energy Administration to tell young people about energy and how to use it wisely.

"Application for the registration of the name and symbol 'Energy Ant' as a trademark and service mark has been filed with the U.S. Department of Commerce, Patent Office."

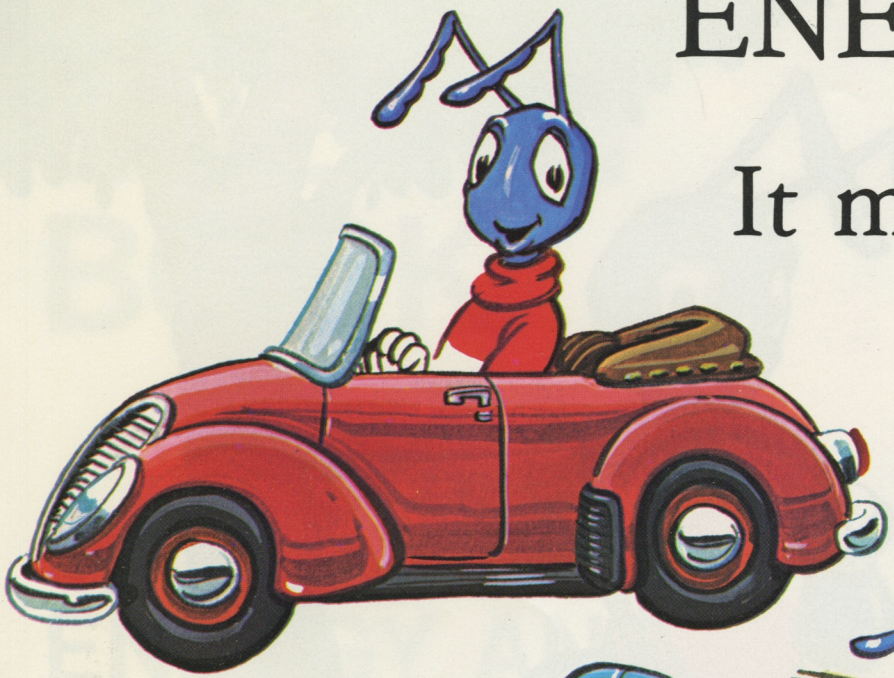
Federal Energy Administration

Office of Communications and Public Affairs

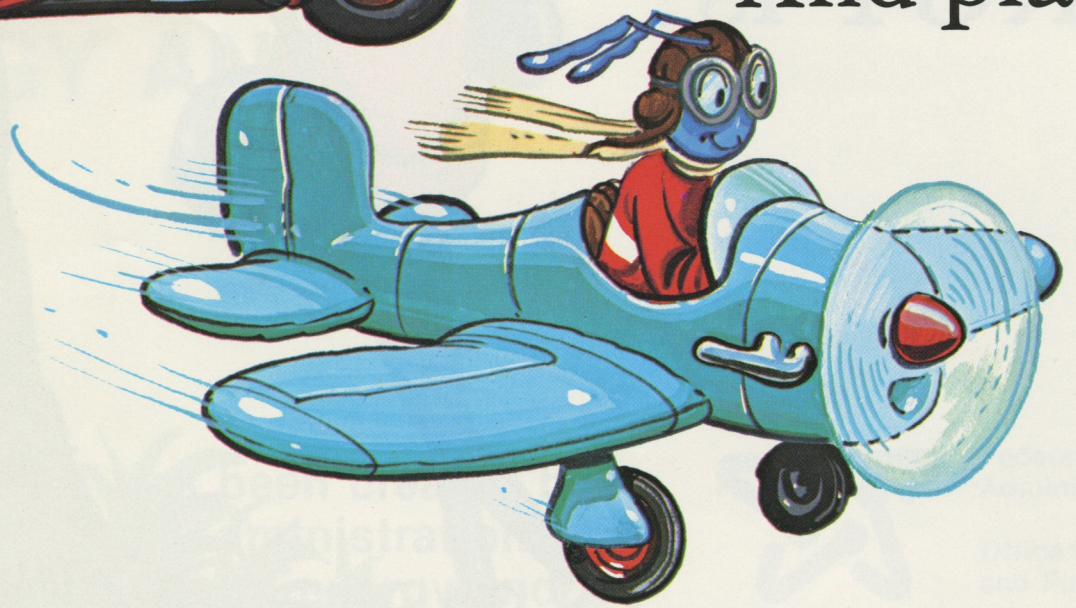
Do you know
what ENERGY is?

ENERGY makes things go.

It makes cars go

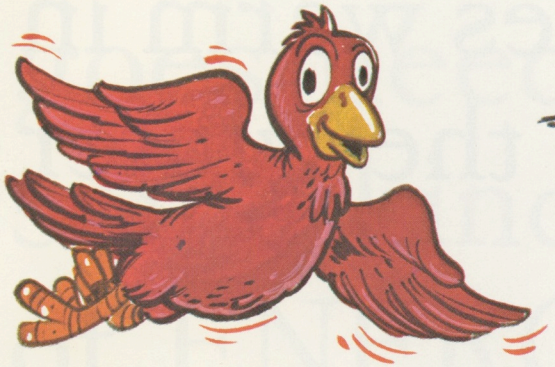


And planes



And trains

It makes animals move

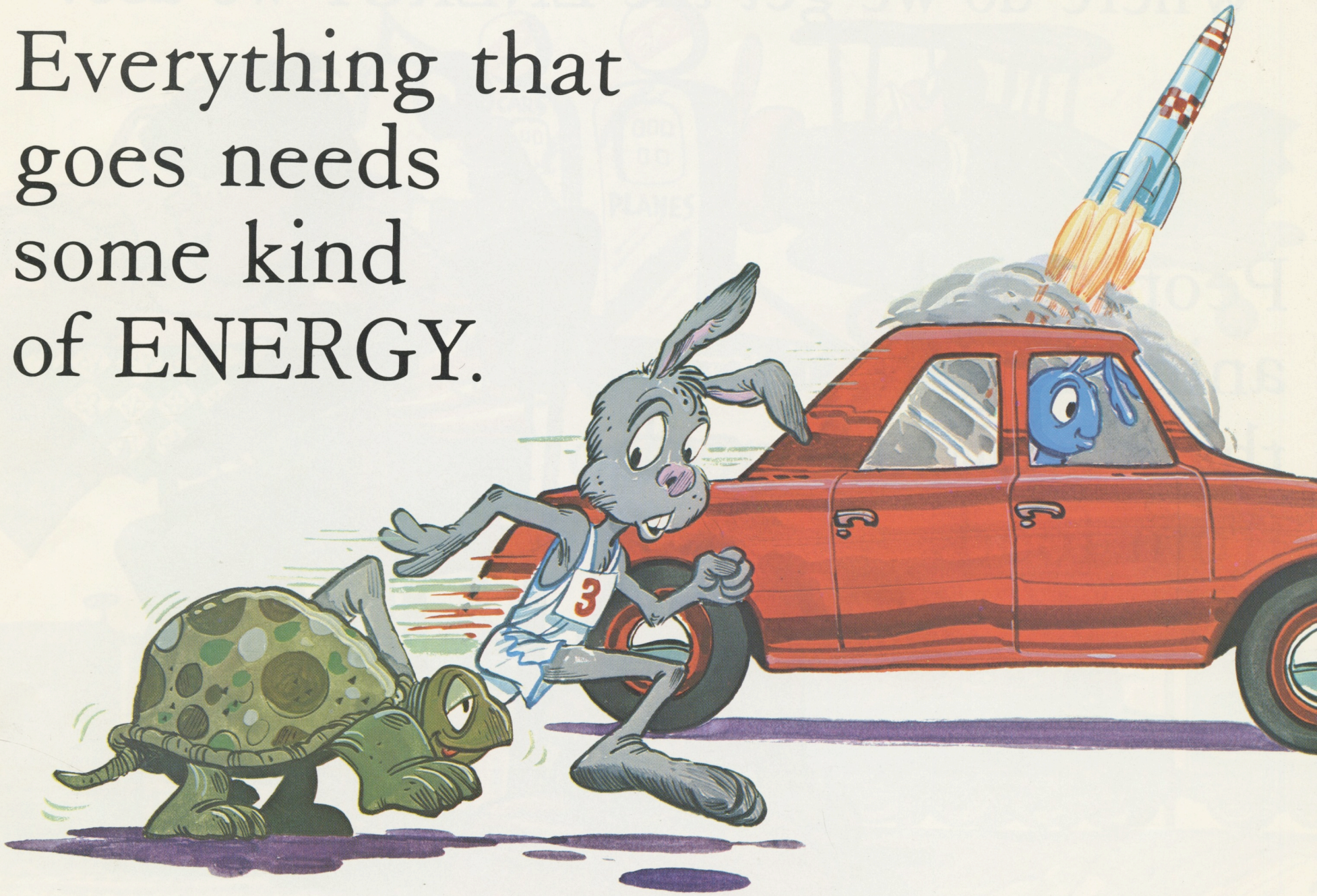


And people too!

ENERGY keeps our houses warm in the winter

. . . and makes the lights go on when we flip the switch.

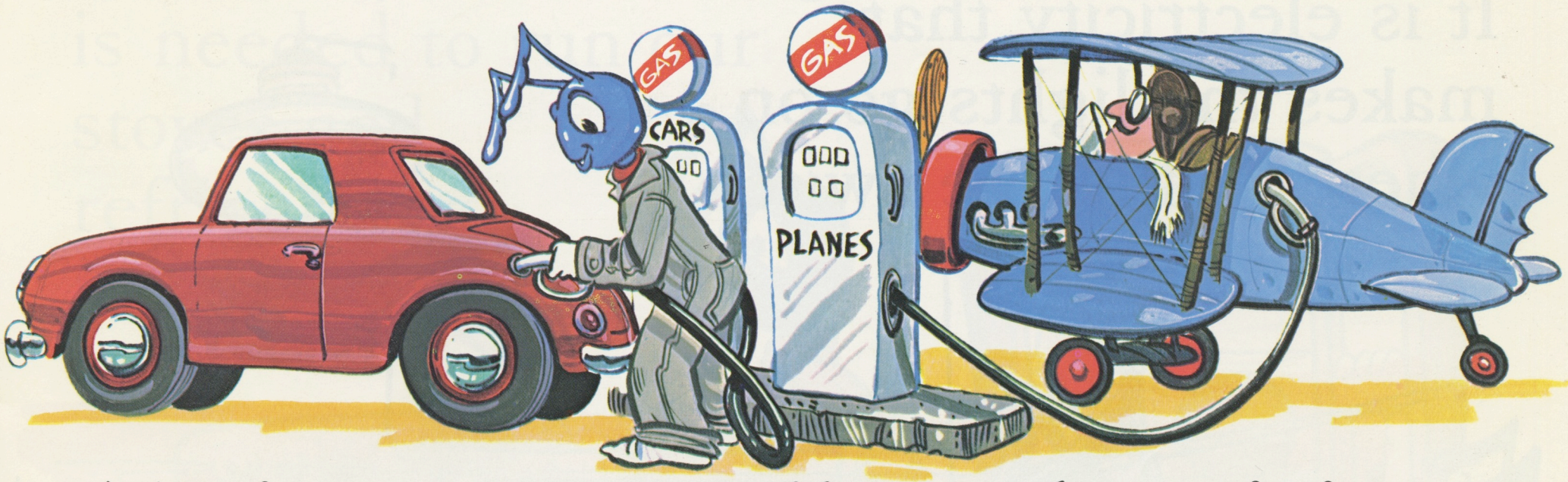
Everything that goes needs some kind of ENERGY.



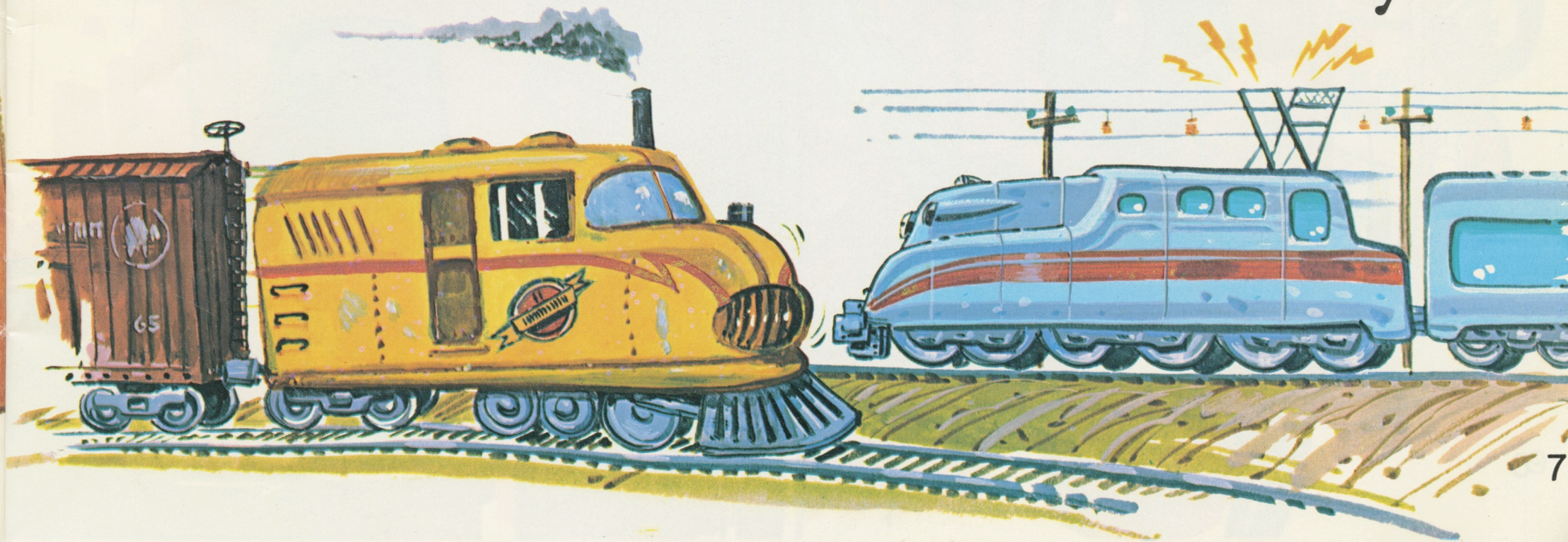
Where do we get the ENERGY we use?

People and animals get their ENERGY from food.

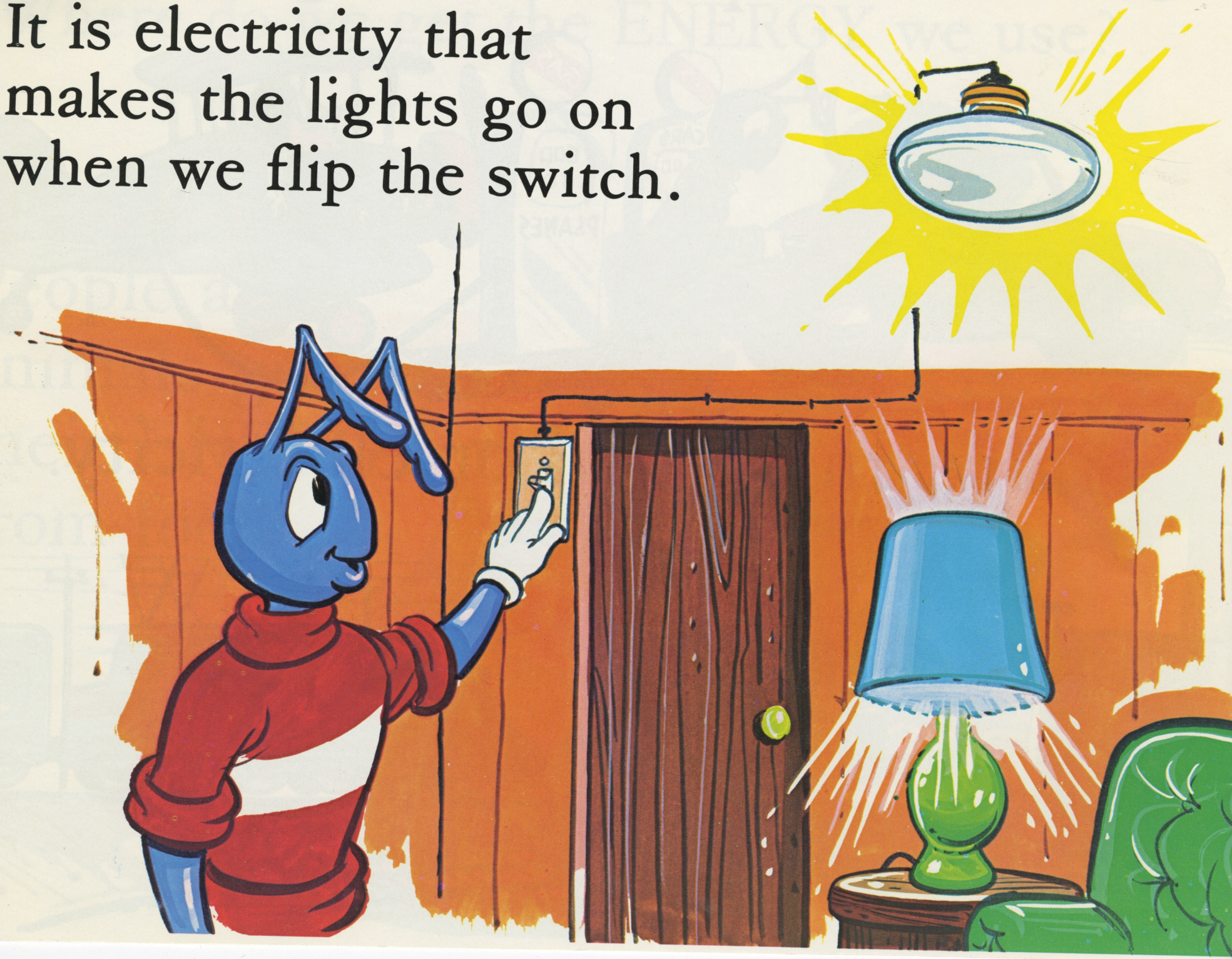
Cars and airplanes use gasoline.



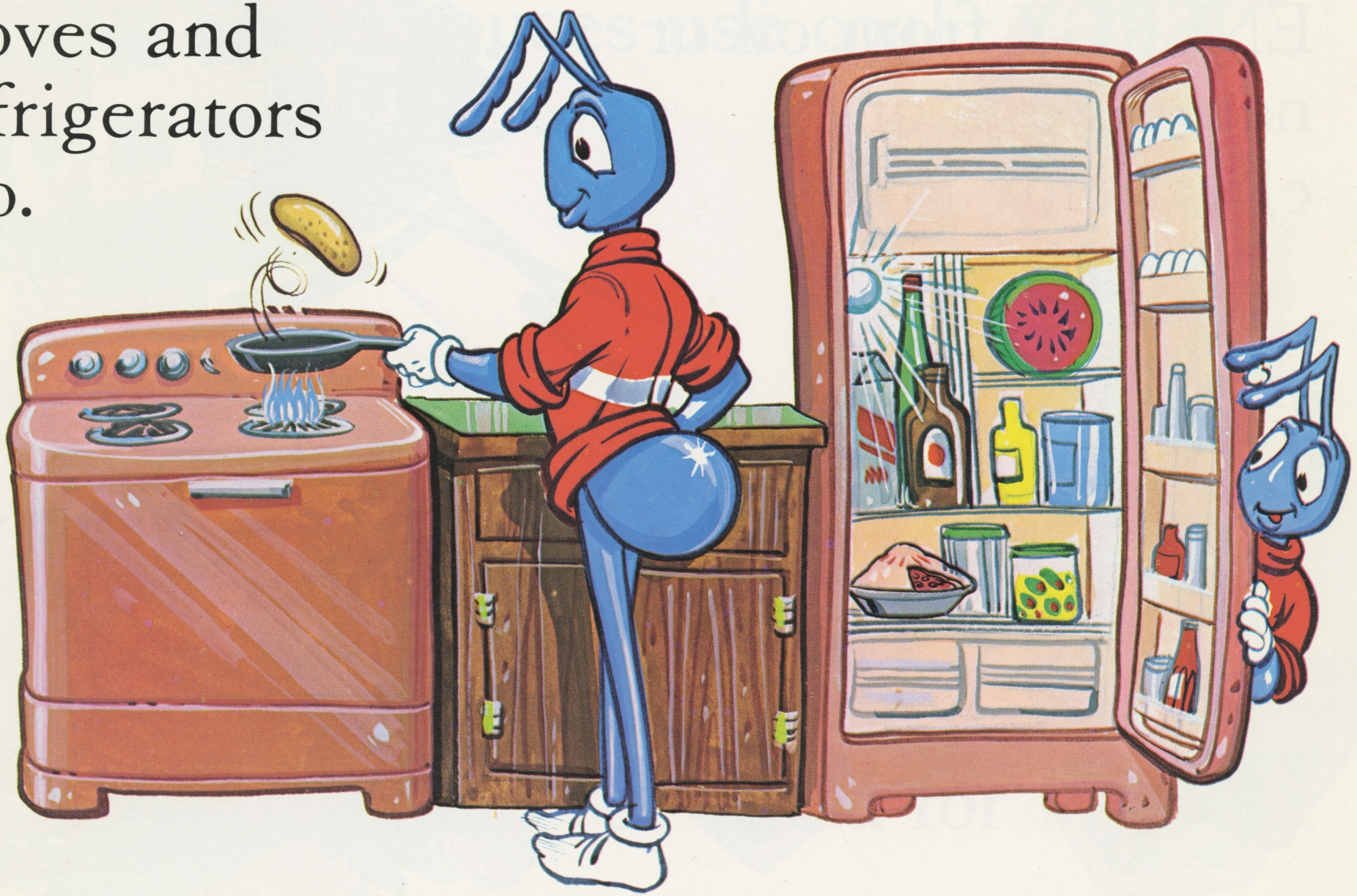
Trains run on oil or electricity.



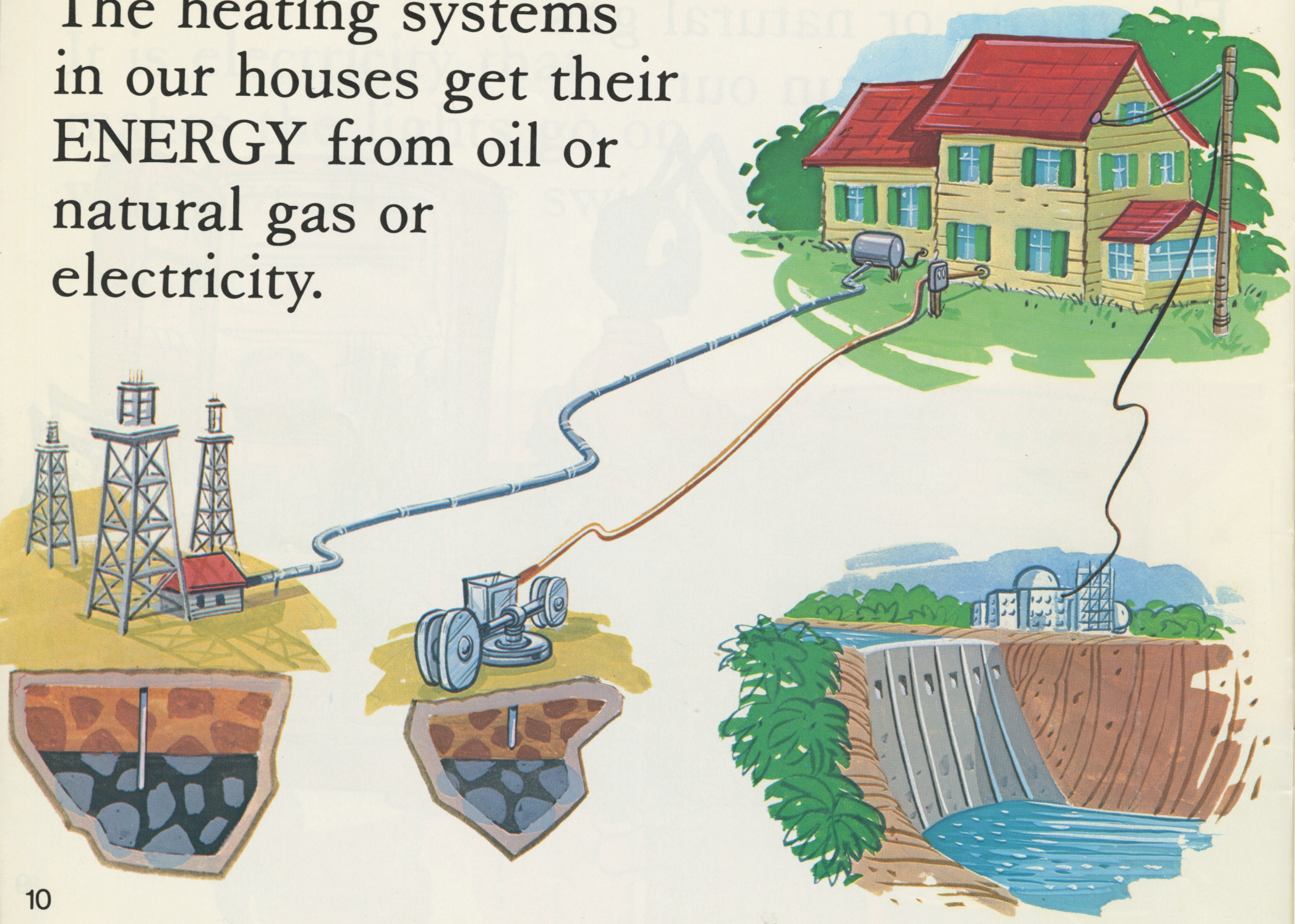
It is electricity that
makes the lights go on
when we flip the switch.



Electricity or natural gas is needed to run our stoves and refrigerators too.



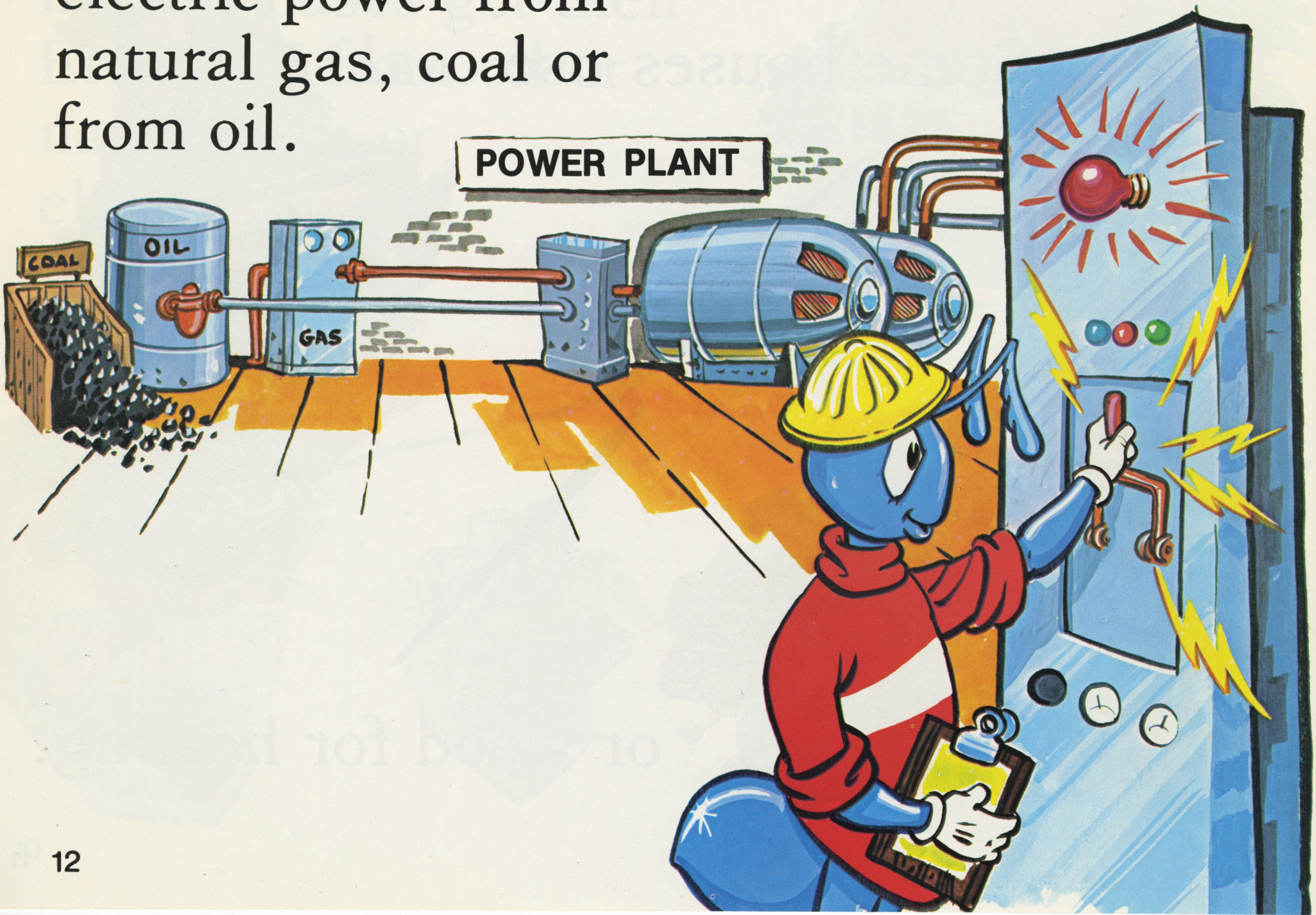
The heating systems in our houses get their ENERGY from oil or natural gas or electricity.



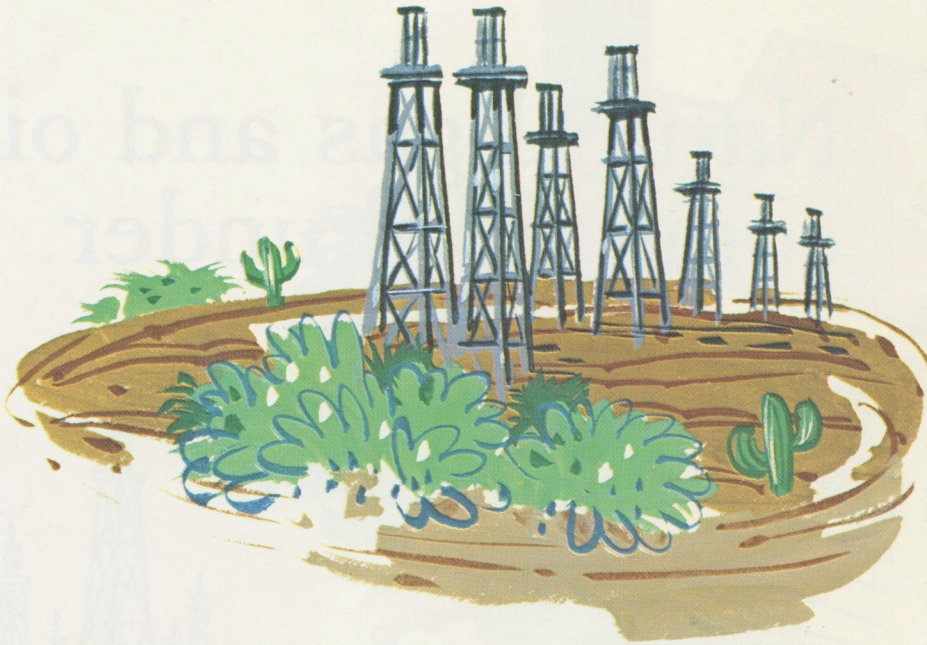
Some houses use coal

or wood for heating.

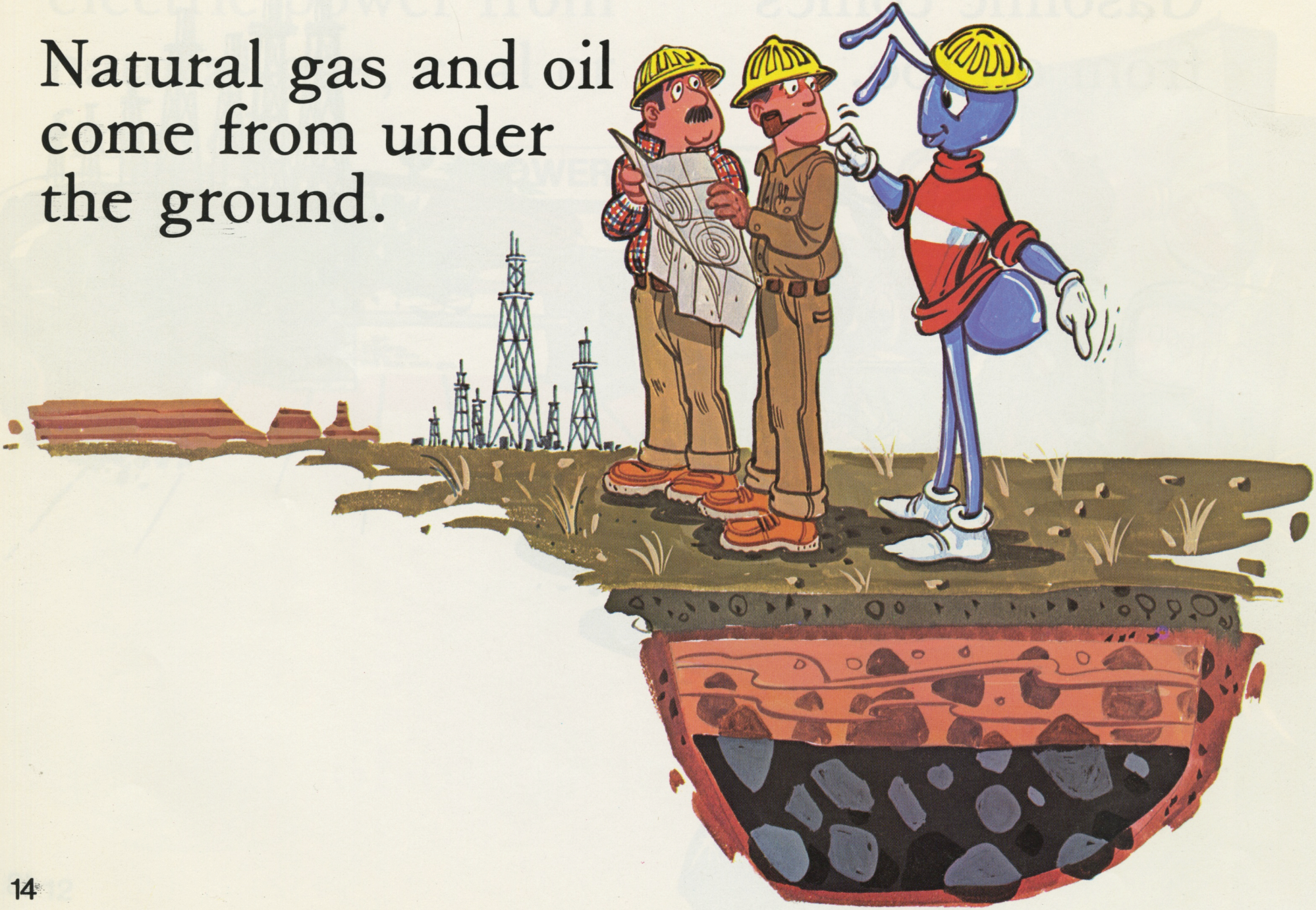
We usually get our electric power from natural gas, coal or from oil.



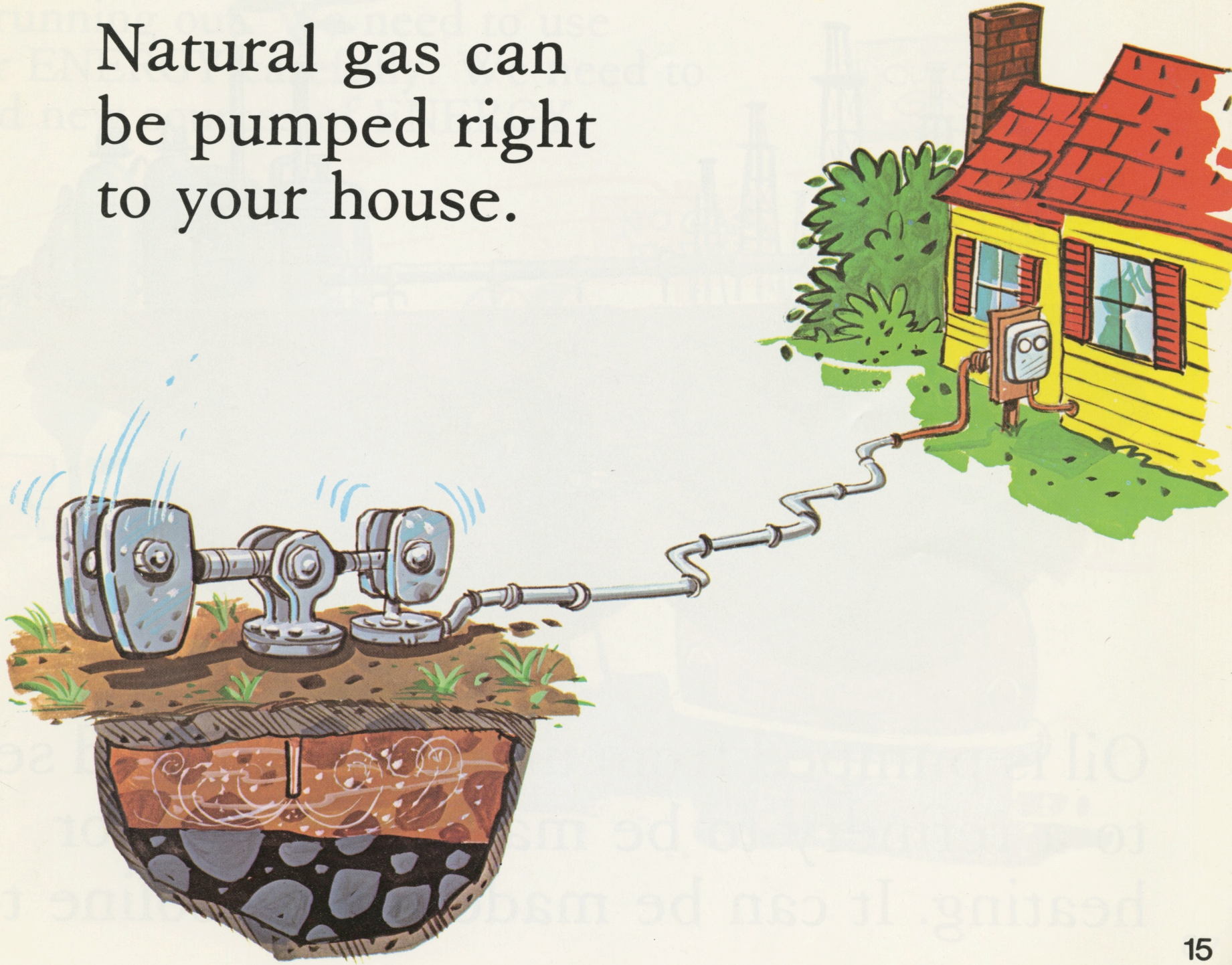
Gasoline comes
from oil too.

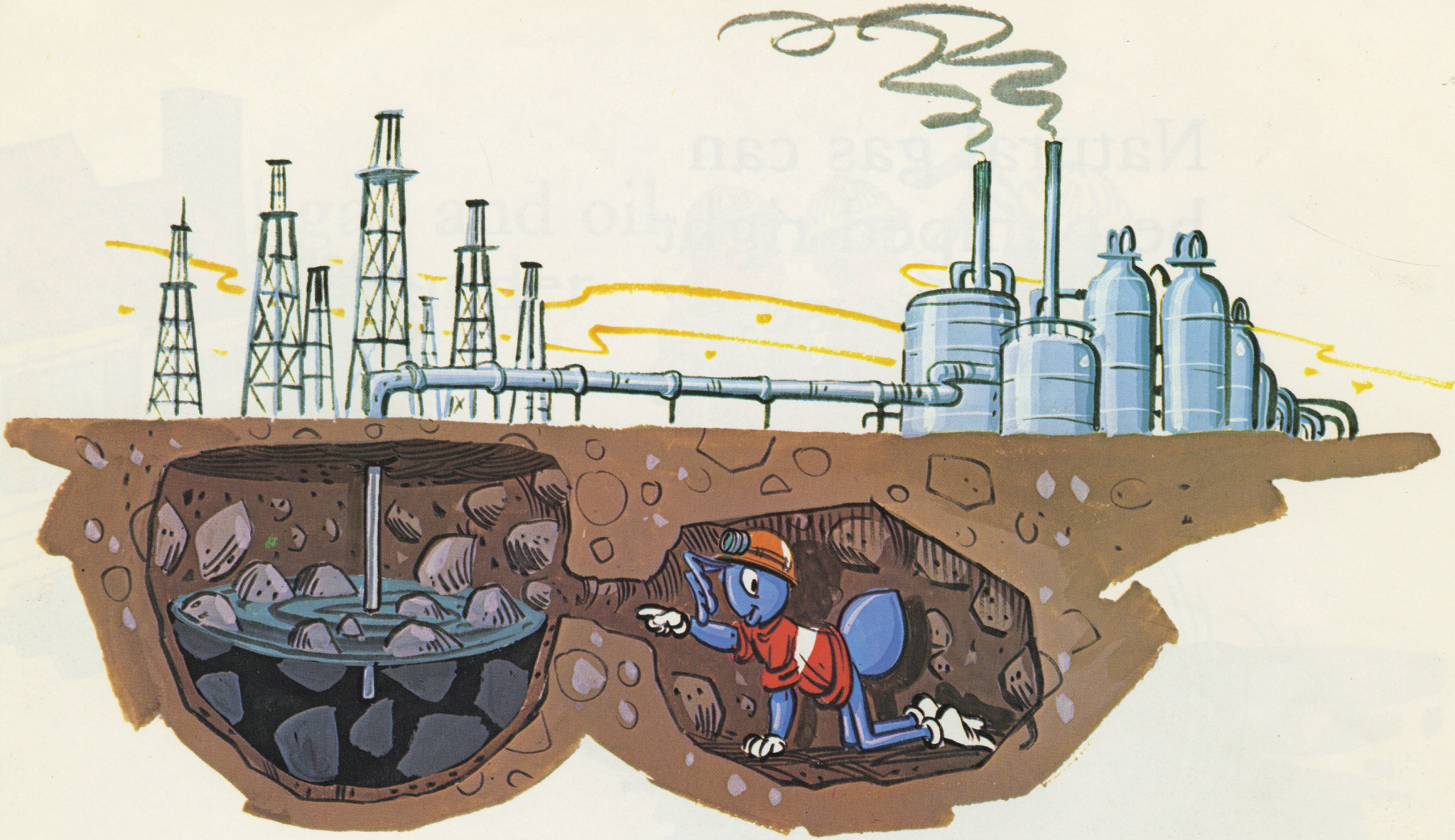


Natural gas and oil come from under the ground.



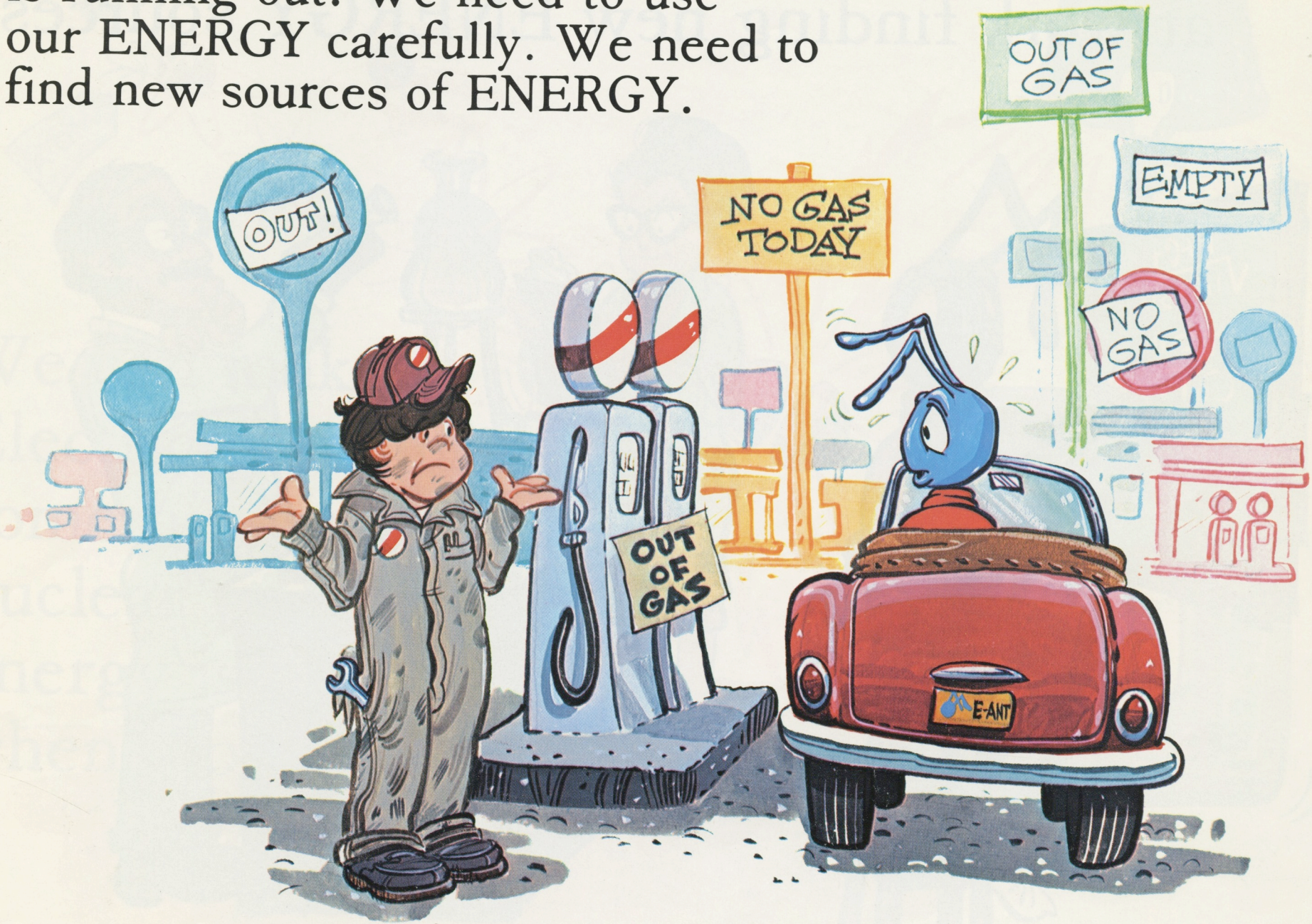
Natural gas can be pumped right to your house.



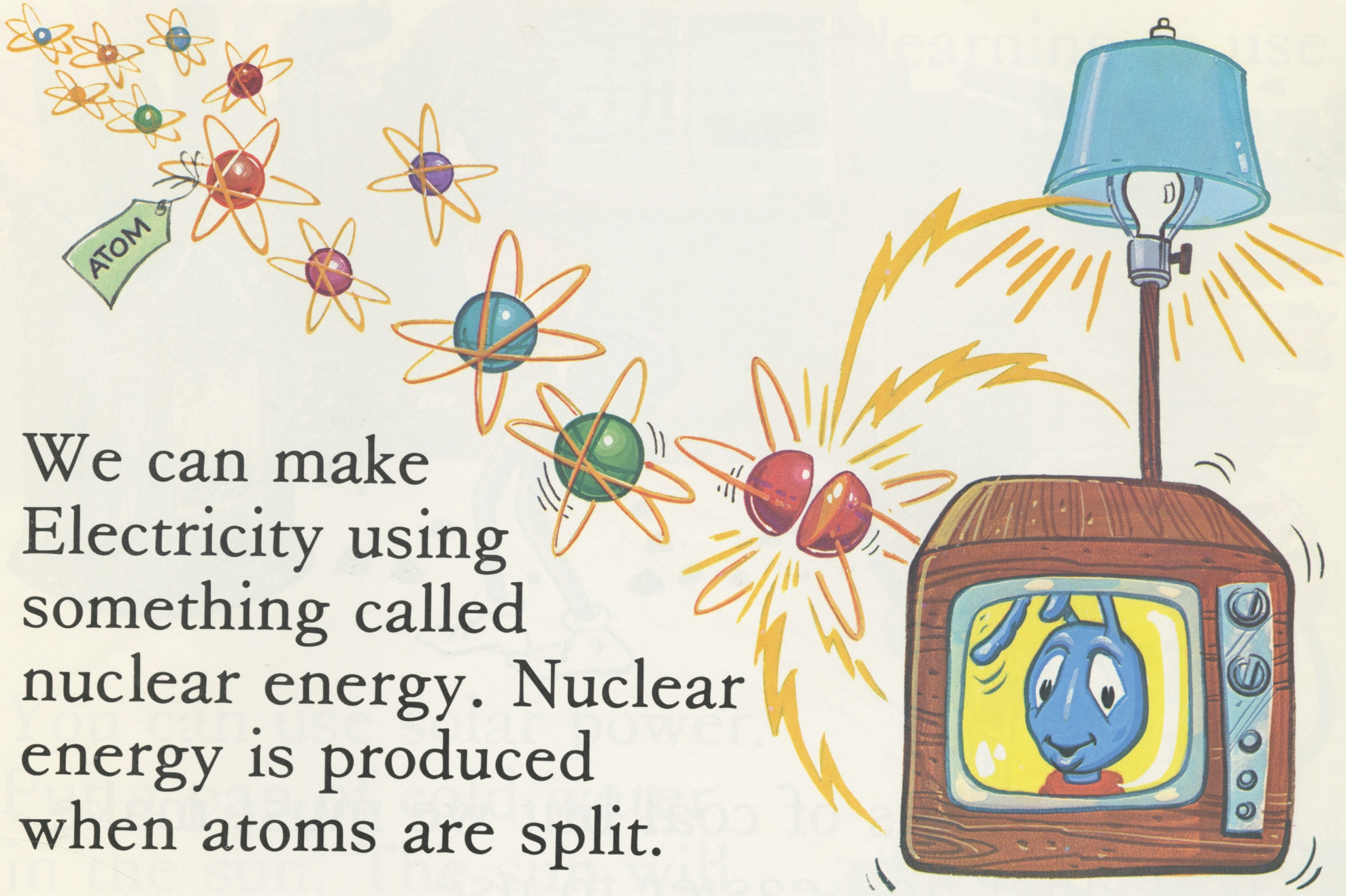


Oil is pumped from underground and sent to a refinery to be made into fuel for heating. It can be made into gasoline too.

But our supply of oil and gas is running out. We need to use our ENERGY carefully. We need to find new sources of ENERGY.



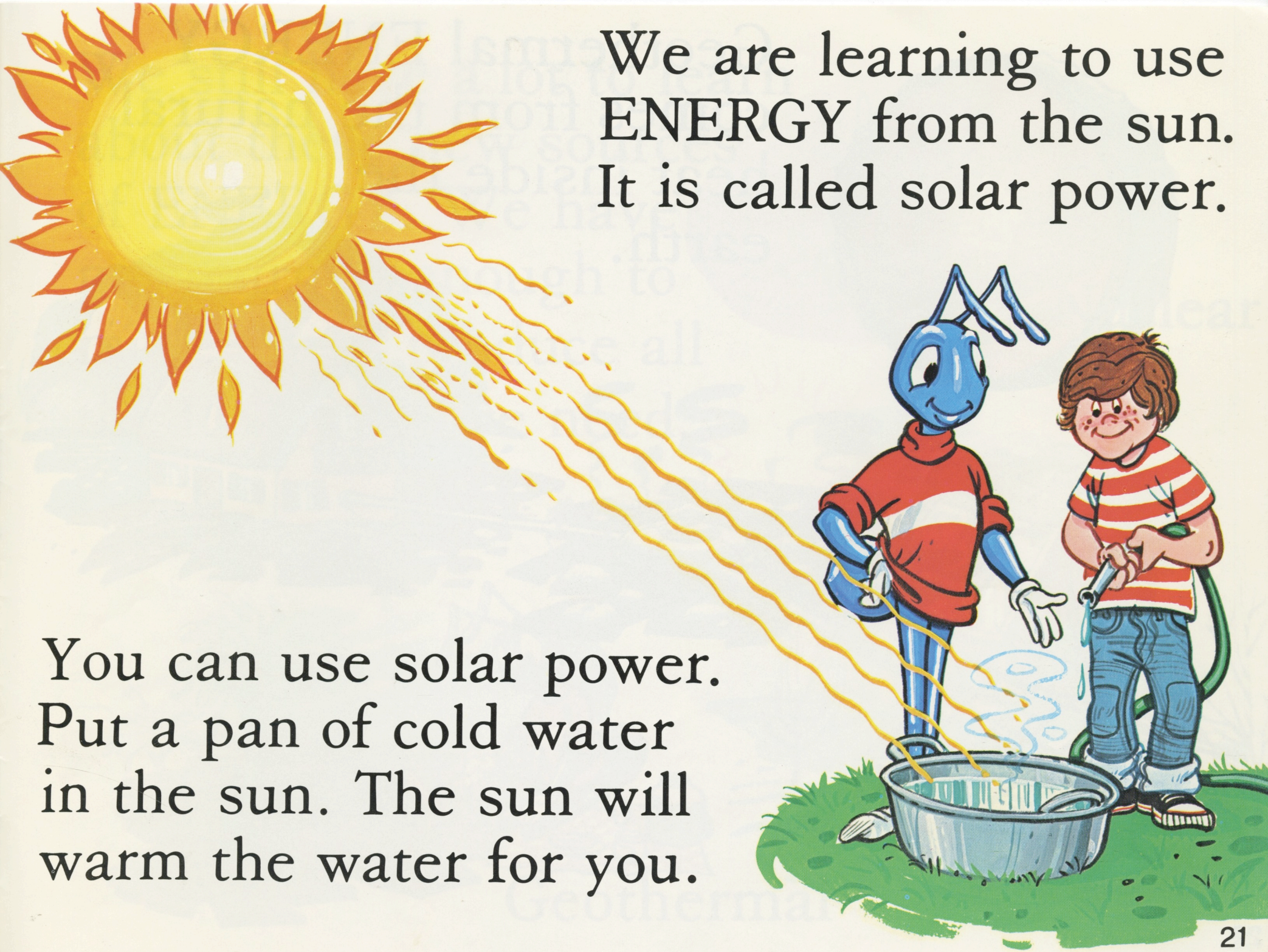
Scientists and engineers are now hard at work finding new ENERGY sources.



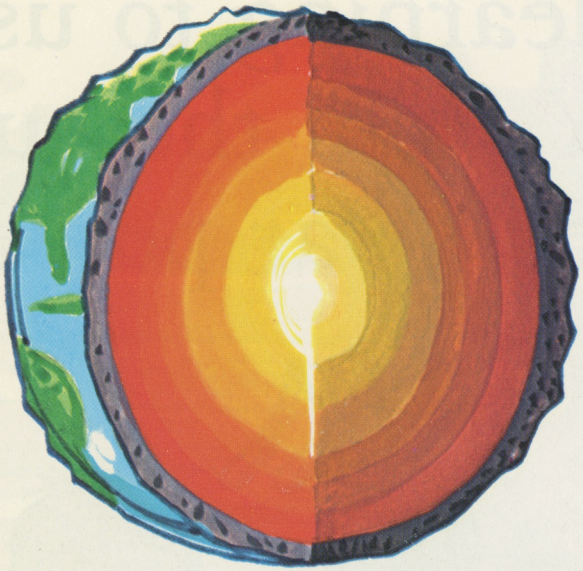
We can make Electricity using something called nuclear energy. Nuclear energy is produced when atoms are split.

We have lots of coal but we must make it cleaner and easier to use.

We are learning to use ENERGY from the sun. It is called solar power.

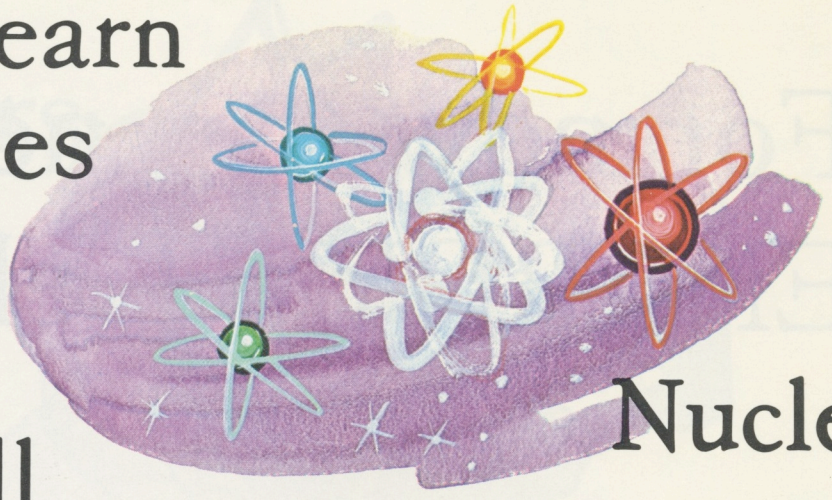


You can use solar power. Put a pan of cold water in the sun. The sun will warm the water for you.



Geothermal ENERGY comes from the natural heat inside the earth.

We still have a lot to learn about these new sources of ENERGY. We have not learned enough to make them produce all the ENERGY we need.



Nuclear

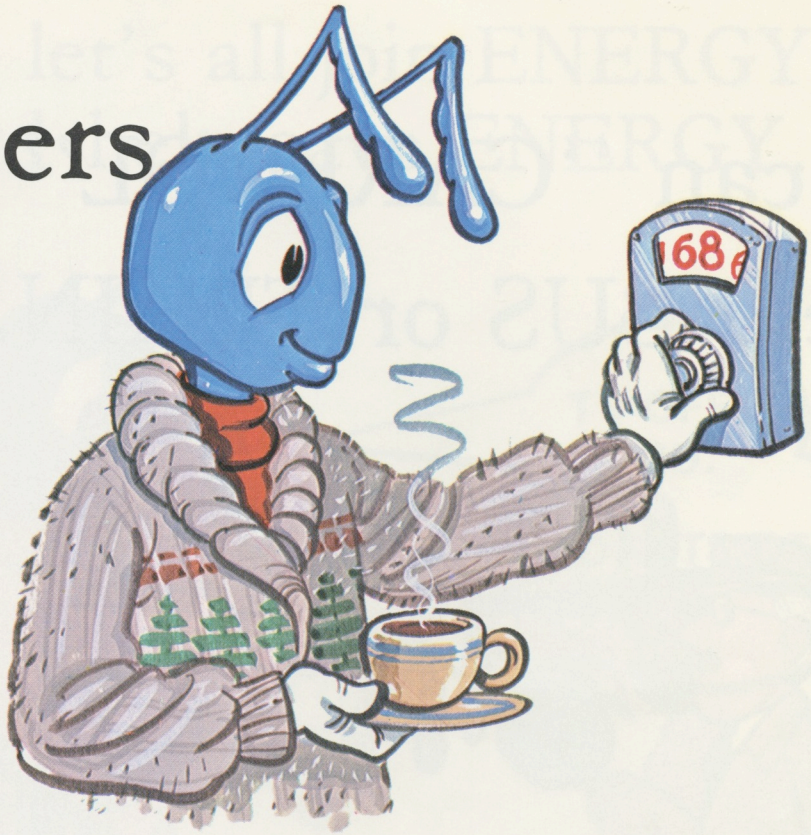
Solar

Geothermal

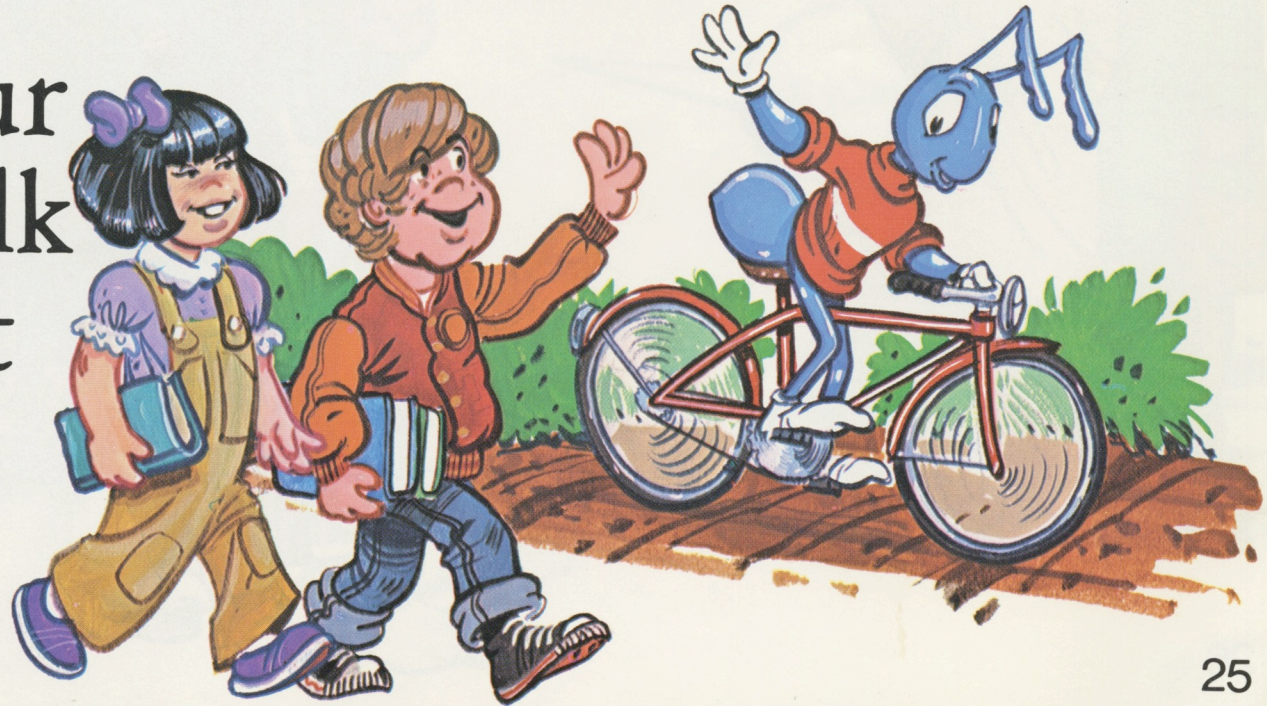
For now, we need to use our ENERGY wisely.

We can shut off lights and TV sets when they are not being used.

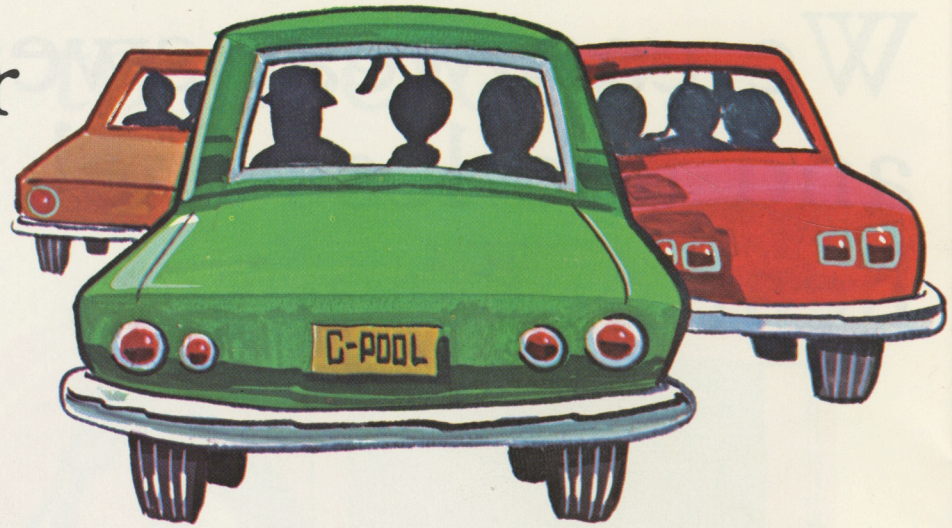
We can wear sweaters and use less fuel to heat our houses.



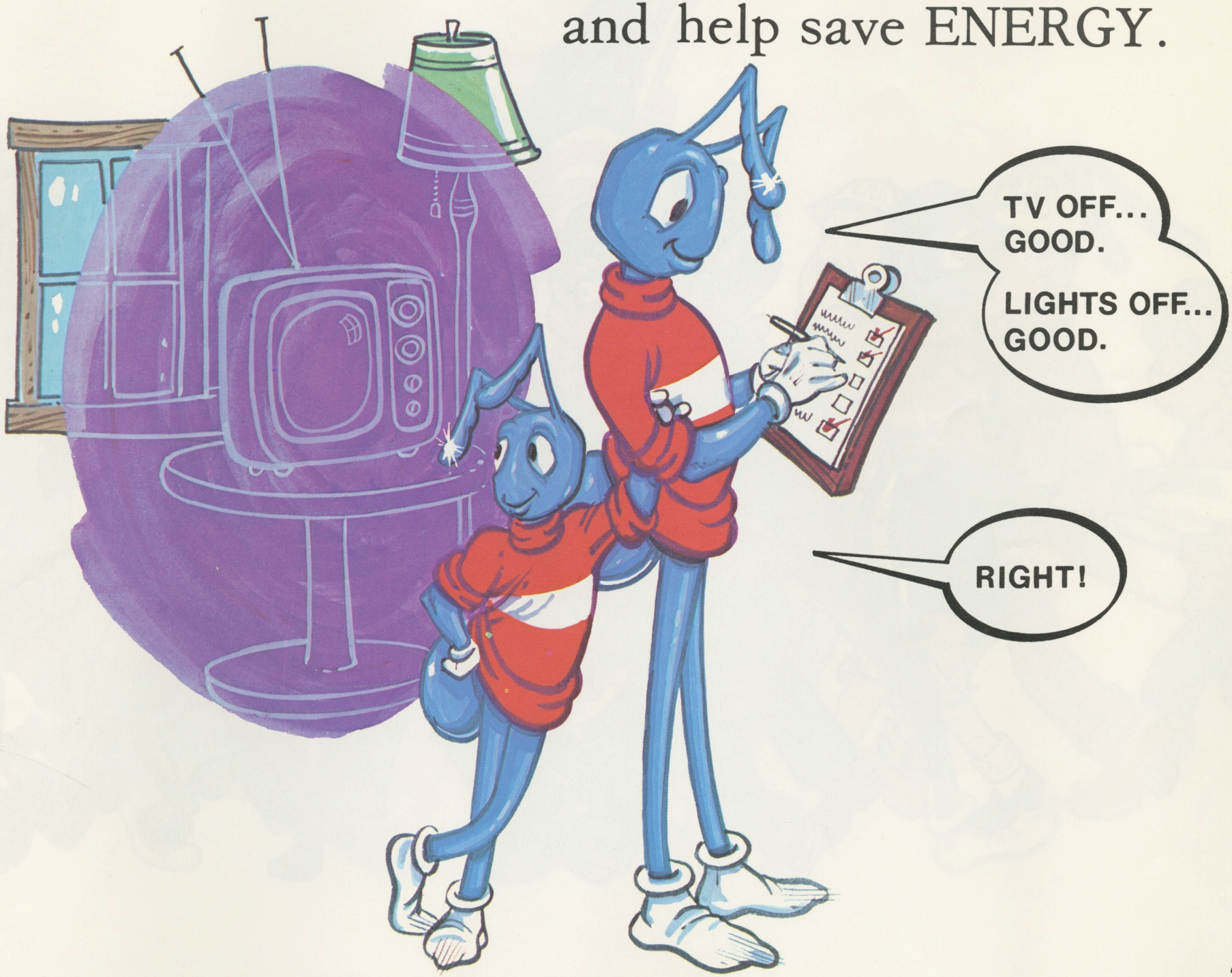
We can use our bicycles or walk when we don't really need to use our cars.



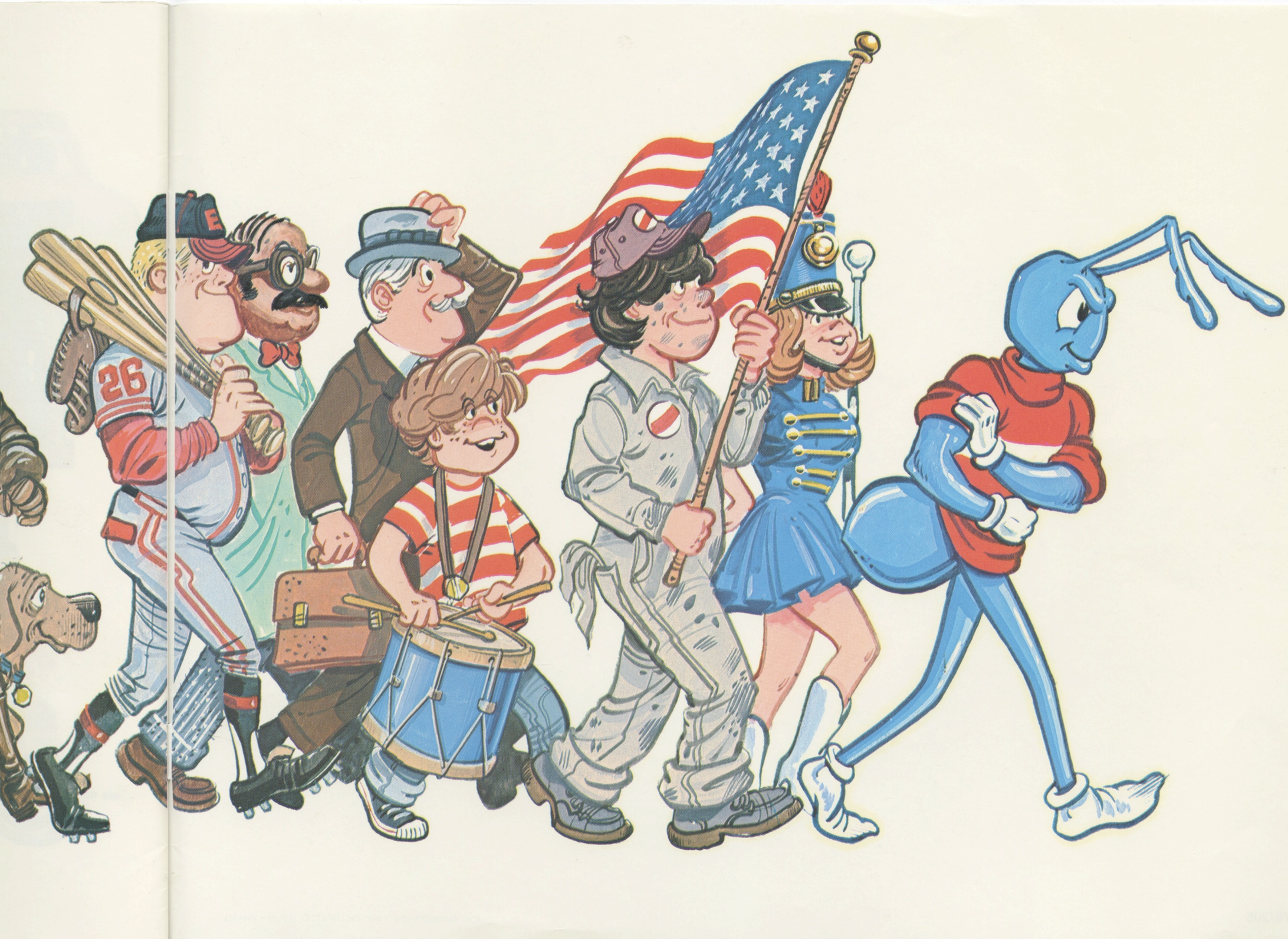
We can "CARPOOL" or take a BUS or TRAIN.



So let's all join ENERGY ANT and help save ENERGY.



26


26

FEA/A-76/205

☆ U.S. GOVERNMENT PRINTING OFFICE: 1976 O - 206-502